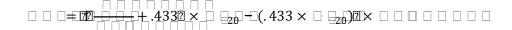


To: Bruce Suchomel

RE: Petroglyph Antelope Creek Waterflood MAIP Redetermination

Petroglyph would like to formally request that all of the MAIP for the wells under Area Permit UT20736 be recalculated using ISIP to determine fracture gradient. We would like to use the formula below.



Where:

ISIP = Instantaneous Shut in Pressure of the top open zone Depth = Depth of the top open perforation. $SG_{H20} = 1.015$

The reason this redetermination is being requested is to make sure that all wells are using the same method for calculating MAIP both in the past and in permitting future injectors. We chose the ISIP method, because it is our belief that it is the most repeatable measurement that is also accurate.

Please see the attached schedule for current MAIP and requested MAIP. All MAIP over 2500 PSI have been limited to 2500 PSI.

We appreciate your consideration in this matter.

Regards,

Beau Judge

						EPA Frac		PGEI Calc			
Well	First Date			Тор		Grad(ass		Frac		Calc	
Name	of Injection	Year	Act MAIP	Perf	Zone	ume SG)	ISIP	Grad	SG	MAIP	Permit Number
18-01	7/8/2006		1470		B07.2	0.80	N/Δ	#VALUE!	1.015	1470	UT20736-06700
29-06	1/2/1998		2015		B08.1	0.80	1509	0.79453	1.015		UT20736-04416
30-02	7/23/2007		1625	4478		0.80		#VALUE!	1.015	1625	
		_									UT20736-07416
05-10	4/21/1995	_	2055		B08.1	0.90	1620	0.811	1.015	1644.3	UT20736-04234
21-07		2007	1708	4666		0.81		#VALUE!	1.015	1708	UT20736-07116
30-09	7/18/2005		2152		B08.2	0.93	1700	0.83653	1.015	1725.5	UT20736-04451
04-01	6/30/1996		1975		C08.2	0.83	1700	0.77903	1.015	1725.5	UT20736-04322
30-07	2/2/2007		1742	4635	C04	0.82	N/A	#VALUE!	1.015	1742	UT20736-07418
29-03	11/1/2000		1700	4064		0.86	1759	0.87881	1.015	1785.385	UT20736-04541
08-06	1/1/1995	1995	2155	4556	C05.2	0.91	1780	0.83605	1.015	1806.7	UT20736-04203
19-01	6/7/1999	1999	1835	4035	B05	0.89	N/A	#VALUE!	1.015	1835	UT20736-04502
21-06	1/8/1997	1997	2183	4698	C04	0.90	1820	0.8327	1.015	1847.3	UT20736-04388
29-09	4/21/1995	1995	1900	4773	C06	0.84	1834	0.8295	1.015	1861.51	UT20736-04233
28-06		1997	1663	4659	C04	0.80	1850	0.84253	1.015	1877.75	UT20736-04380
18-02	1/1/1995	1995	1900		B06.2	0.92		#VALUE!	1.015	1900	UT20736-04202
15-12	1/14/2002	_	1900		B06.1	0.88		#VALUE!	1.015	1900	UT20736-04640
18-14		2007	1405		B06.2	0.80	1877	0.9314	1.015	1905.155	UT20736-07536
21-05	1/12/2004		1865	4462		0.86	1890	0.86943	1.015	1918.35	UT20736-06478
		_				0.86	1900			1918.35	
16-16	1/2/1998		2093	4481				0.86987	1.015		UT20736-04418
07-11	7/18/2005		1900		B06.1	0.91	1924	0.92336	1.015	1952.86	UT20736-04637
16-13	1/13/2006		1790	4790		0.81	1930	0.84846	1.015	1958.95	UT20736-06605
21-10	2/1/2007		1437	4650		0.75	1972	0.86994	1.015	2001.58	UT20736-07117
09-15	2/27/2006		1660	4543		0.80	1980	0.88187	1.015	2009.7	UT20736-06698
16-08	1/2/1998		2035	4552	B11	0.89	1989	0.883	1.015	2018.835	UT20736-04414
30-15	7/18/2005	2005	2023	3960	B00	0.95	N/A	#VALUE!	1.015	2023	UT20736-04446
28-05A	1/2/1998	1998	2106	4724	C05.2	0.89	1996	0.86836	1.015	2025.94	UT20736-04410
28-03	1/8/1997	1997	2336	4634	C04	0.94	2000	0.87756	1.015	2030	UT20736-04389
29-08	7/25/2007	2007	1680	4630	C05	0.80	2000	0.87794	1.015	2030	UT20736-07123
28-11	6/27/2007	2007	1745	4809	C08.1	0.80	2001	0.86183	1.015	2031.015	UT20736-07120
18-15		1997	2156	3862	B06.3	1.00	2010	0.96776	1.015	2040.15	UT20736-04391
08-07		1997	2579		B10.2	1.03	2016	0.90466	1.015	2046.24	UT20736-04381
21-04	1/28/2005		1777	4741		0.81	2021	0.87217	1.015	2051.315	UT20736-06521
16-14	2/6/2006	_	1645	4485		0.81	2030	0.8989	1.015	2060.45	UT20736-06606
16-12	8/31/2000	_	1900		B06.2	0.89	2067	0.93187	1.015	2098.005	UT20736-04553
05-16		1997	1950		C05.2	0.83	2070	0.87576	1.015	2101.05	UT20736-04333
04-05	1/2/1998		1930		B06.2	0.84		0.92683		2101.03	UT20736-04328
		_							1.015		
29-05	7/22/2005		CONTRACTOR OF THE PARTY OF THE	4226		0.83					
18-11	8/19/2000	_	1960	4736		0.85	2084	0.88613	1.015	2115.26	
29-07	7/25/2007		1480	4080		0.80	2110		1.005	2120.55	
08-04	1/1/1995	_	2065		B06.2	0.96	2100		1.015		UT20736-04201
33-08D3	2/6/1999	_	2376		B06.2	0.99		0.93028	1.015	2131.5	UT20736-04422
04-13	9/5/2001		1900		B06.2	0.88		0.93681	1.015	2131.5	UT20736-04536
17-01	3/13/2006		1660	4542	B11	0.80	2100	0.90878	1.015	2131.5	UT20736-06699
21-14	2/17/2006	2006	1685	4628		0.80	2110	0.90225	1.015	2141.65	UT20736-06481
05-08	11/25/1996	1996	2055	4283	B06.2	0.92	2135	0.94545	1.015	2167.025	UT20736-04324
29-12	5/7/2000	2000	1900	4600	C04	0.85	2135	0.91059	1.015	2167.025	UT20736-04523
18-12	7/17/2006	_	1590	4351	B10	0.80	2150	0.94105	1.015	2182.25	UT20736-06680
29-16	8/31/2000	2000	1780	4619	C04	0.82	2150	0.91195	1.015	2182.25	UT20736-04475
18-10	1/10/2007	_	1650	4519	C06	0.80	2174	0.92779		2206.61	UT20736-06679
19-15	8/31/2000		1900	4475		0.86	—	0.93577	1.015	2220.82	UT20736-04496
16-04	8/31/2000	_	1900		B10.1	0.86	-	0.93522	1.015	2222.85	UT20736-04551
16-06	1/31/2001	_	2030	4511		0.89	-	0.93226		2222.85	UT20736-04546
21-15	8/31/2000		1900	4638		0.85	2196	0.92008		2228.94	UT20736-04522
		_	100000000000000000000000000000000000000			0.85	2196				
21-11		1997	2196	4652				0.91885	1.015	24.5	UT20736-04365
07-14	8/31/2000	_	1140	4103		0.72	2200	0.98373	1.015	2233	UT20736-04495
18-09	1/1/1995		2100	4442		0.91	2200	0.9422	1.015	2233	UT20736-04204
30-08	1/8/1997	_	2201	4714		0.91	2201	0.91341	1.015		UT20736-04359
20-14		2007	1545		B06.3	0.81	2212	0.97077	1.015	2245.18	UT20736-04540
19-07	5/7/1999	_	1985		C03.2	0.89	2216	0.94608	1.015	2249.24	UT20736-04491
28-05	8/1/2007	2007	1705	4708	C05.2	0.80	2230	0.92026	1.015	2263.45	UT20736-06483
16-07	1/24/2006	2006	1658	4528		0.81	2240	0.94162	1.015	2273.6	UT20736-06603
19-09	8/31/2000	2000	1900	4736	C05	0.84	2243	0.92021	1.015	2276.645	UT20736-04536
03-14	4/23/2007	2007	2230	4314	B05	0.96	2250	0.96888	1.015	2283.75	UT20736-04434
					•						

16-10 83/1/2000 2006 1930 4543 B11 0.86 2266 0.94577 1.015 229-99 U720736-04607												
12-12	16-15	1/19/2006	2006	1930	4543	B11	0.86	2266	0.94577	1.015	2299.99	UT20736-06607
20 27/25/2007 2007 1640 4527 811 0.80 2300 0.95518 1.015 2334,5 UT20736-06477 21-02 1/25/2005 2005 2235 4694 Cod 0.92 2302 0.93726 1.015 2334,5 UT20736-06478 2344 2360 207 0.88 2330 0.88072 1.015 2345,5 UT20736-06478 2344 2344 2360 207 0.88 2330 0.88072 1.015 2364,95 UT20736-06478 2368 2370 2369 236	16-10	8/31/2000	2000	2030	4542	B11	0.89	2285	0.95012	1.015	2319.275	UT20736-04503
1-10	21-12	1/28/2005	2005	1850	4670	C04	0.84	2291	0.93743	1.015	2325.365	UT20736-06479
04 02 1/2/1998 1998 2344 5360 007 0.88 2330 0.88072 1.015 2364.95 UT20736-04356 28-04 7/23/2007 2007 1670 4612 C05 0.80 2330 0.955228 1.015 2364.95 UT20736-07128 18-05 1/23/1999 1999 2243 4308 1910 0.96 2335 0.98964 1.015 23702.75 0.7128 18-05 11/14/2005 2005 1865 4778 C04 0.83 2351 0.93892 1.015 2386.265 UT20736-06604 18-07 6/22/2006 2006 17.20 4698 C08.2 0.81 2357 0.94872 1.015 2392.355 UT20736-06670 18-07 6/22/2006 2006 17.20 4698 C08.2 0.81 2357 0.94872 1.015 2392.355 UT20736-06670 16-11 12/19/1997 1997 2396 4546 1811 0.97 N/A WAULUI 1.015 2396 120 120736-06670 18-07 18-0	20-02	7/25/2007	2007	1640	4527	B11	0.80	2300	0.95518	1.015	2334.5	UT20736-07114
28-04 7/23/2007 2007 1670 4612 205 0.80 2330 0.95228 1.015 2364.95 UT20736-00472 18-05 1/23/1999 1999 2243 4308 B10 0.96 2335 0.98864 1.015 2370.025 UT20736-0640472 16-09 11/14/2005 2005 1865 4778 C04 0.83 2331 0.93892 1.015 2365 UT20736-066061 2367 3468 2367 3468 2367 3468 2367 3468 2367 3468 2367 3468 2367 3468 2367 3468 2367 3468 2367 3468 2367 3468 2367 3468 2367 3468 2367 3468 2367 3468 2367 3468 2367 3468 2367 3468 2368	21-02	1/25/2005	2005	2235	4694	C04	0.92	2302	0.93726	1.015	2336.53	UT20736-06477
18-05 1/23/1999 1999 2243 4308 B10 0.96 2335 0.98964 1.015 2370.025 UT20736-064472 16-09 11/14/2005 2006 1720 4698 C08.2 0.81 2357 0.94872 1.015 2392.355 UT20736-06677 16-11 12/19/1997 1997 2396 4546 B11 0.97 N/A #VALUE! 1.015 2396 UT20736-06677 16-11 12/19/1997 1997 2396 4546 B11 0.97 N/A #VALUE! 1.015 2396 UT20736-06677 16-11 12/19/1997 1997 2396 4546 B11 0.97 N/A #VALUE! 1.015 2396 UT20736-06478 18-12 19-11 18/11/2000 2007 1495 4338 B10 0.76 2375 0.99519 1.015 2407.58 UT20736-04742 18-08 1/8/1997 1997 2030 4384 C04 0.90 2377 0.98983 1.015 2412.655 UT20736-07124 18-08 1/8/1997 1997 2030 4384 C04 0.90 2377 0.98983 1.015 2412.655 UT20736-07412 18-16 7/23/2007 2007 1458 4016 B02 0.80 2398 1.04556 1.015 2433.99 UT20736-064741 18-16 7/23/2007 2007 1458 4016 B02 0.80 2398 1.04556 1.015 2433.99 UT20736-07415 18-16 7/23/2007 2007 1580 4354 B12 0.80 2405 1.00015 1.015 2441.075 UT20736-07415 19-11 17/16/2001 2001 1900 4005 B02 0.91 2420 1.0528 1.015 2456.3 UT20736-06436 29-15 7/25/2007 2007 1575 4341 B10 0.80 2498 1.02357 1.015 2456.3 UT20736-06436 29-15 7/25/2007 2007 1575 4341 B10 0.80 2498 1.02357 1.015 2456.3 UT20736-06436 18-05 31/40706 2005 1870 5107 03.2 0.81 2500 0.93636 1.015 2456.3 UT20736-06436 18-05 31/40706 2005 1870 5107 03.2 0.81 2500 0.93636 1.015 2500 UT20736-06436 18-05 31/40700 2005 1870 5107 03.2 0.81 2500 0.93636 1.015 2500 UT20736-06436 18-05 31/40700 2005 1870 5107 4348 B10 0.80 2524 0.3362 1.015 2500 UT20736-06436 18-05 31/40700 2005 1870 5107 54540 B11 0.80 2524 0.3362 1.015 2500 UT20736-06436 19-05 31/40700 2005 1870 5107 54540	04-02	1/2/1998	1998	2344	5360	D07	0.88	2330	0.88072	1.015	2364.95	UT20736-04356
16 09 11/14/2005 2005 1865 4778 C04 0.83 2351 0.93892 1.015 2386.265 UT20736-06604 1807 6/22/2006 2006 1720 4698 C08.2 0.81 2357 0.94872 1.015 2392.355 UT20736-06439 2013 8/31/2000 2000 1974 4416 810.1 0.89 2372 0.98469 1.015 2392.355 UT20736-04393 2013 8/31/2000 2000 1974 4416 810.1 0.89 2372 0.98469 1.015 2410.652 UT20736-044394 2015 2014 2014 2014 2014 2014 2015 2014 2014 2014 2014 2014 2015 2014 2014 2014 2015 2014 2014 2014 2015 2014 2014 2014 2014 2015 2015 2016 2014 2014 2014 2014 2014 2015	28-04	7/23/2007	2007	1670	4612	C05	0.80	2330	0.95228	1.015	2364.95	UT20736-07118
18-07 6/22/2006 2006 1720 4698 C08.2 0.81 2357 0.94872 1.015 2392.355 UT20736-066677 16-11 12/19/1997 1997 2396 4546 B11 0.97 N/A WAULEI 1.015 2396 UT20736-04394 29-10 6/27/2007 2007 1405 4338 B10 0.76 2375 0.99519 1.015 2410.625 UT20736-04494 29-10 6/27/2007 2007 1405 4338 B10 0.76 2375 0.99519 1.015 2410.625 UT20736-04494 18-18 18-18 18/17/2000 2000 1995 4421 C06 0.88 2398 0.99004 1.015 2432.55 UT20736-04552 29-13 2/26/2007 2007 1458 4016 B02 0.80 2398 1.04556 1.015 2433.97 UT20736-04521 29-13 2/26/2007 2007 1458 4016 B02 0.80 2398 1.04556 1.015 2433.97 UT20736-04521 29-14 11/6/2001 2000 1900 4005 B02 0.91 2420 1.05288 1.015 2441.075 UT20736-04541 21-03 1/2/1998 1998 2451 4714 C04 0.96 2422 0.96099 1.015 2458.33 UT20736-04548 21-13 9/14/2005 2005 1870 5107 03.2 0.81 2500 0.91366 1.015 2458.33 UT20736-04568 18-66 3/13/2006 2006 1575 4321 B10 0.80 2498 1.02357 1.015 2500 UT20736-06680 18-66 3/13/2006 2006 1575 4321 B10 0.80 2524 1.03362 1.015 2500 UT20736-06668 18-06 3/13/2006 2005 1870 4102 B10.1 0.99 2554 0.10948 1.015 2500 UT20736-06668 18-06 3/13/2006 2005 1870 4592 B11 0.99 2554 0.10948 1.015 2500 UT20736-06680 19-05 3/16/2001 2001 1900 4102 B10.1 0.99 2554 0.10948 1.015 2500 UT20736-06436 19-05 3/16/2001 2001 1900 4102 B10.1 0.99 2544 1.015 2500 UT20736-06436 19-05 3/16/2001 2001 1900 4102 B10.1 0.99 2544 1.015 2500 UT20736-06436 19-05 3/16/2001 2001 1900 4383 B07 0.88 2550 1.00314 1.015 2500 UT20736-06436 19-05 3/16/2001 2006 1660 4547 B11 0.80 2796 1.06363 1.015 2500 UT20736-04430 16-05 4/17/1998 1998 2497 3606.1 0.80 2560 1.11564 1.015 2	18-05	1/23/1999	1999	2243	4308	B10	0.96	2335	0.98964	1.015	2370.025	UT20736-04472
16-11 12/19/1997 1997 2396 4546 811 0.97 N/A #VALUEI 1.015 2396 UT20736-04393 20-13 8/31/2000 2000 1974 4416 810.1 0.89 2372 0.98469 1.015 2407.58 UT20736-04349	16-09	11/14/2005	2005	1865	4778	C04	0.83	2351	0.93892	1.015	2386.265	UT20736-06604
20-13	18-07	6/22/2006	2006	1720	4698	C08.2	0.81	2357	0.94872	1.015	2392.355	UT20736-06677
29-10 6/27/2007 2007 1405 4338 810 0.76 2375 0.99519 1.015 2410.625 UT20736-07124 18-08 1/8/1997 1997 2030 4384 C04 0.90 2377 0.98883 1.015 2412.655 UT20736-04352 29-13 2/26/2007 2007 1458 4016 602 0.80 2398 0.9904 1.015 2413.97 UT20736-04521 29-13 2/26/2007 2007 1580 4354 812 0.80 2405 1.00015 1.015 2441.075 UT20736-04521 29-14 11/16/2001 2001 1900 4005 802 0.91 2420 1.0528 1.015 2433.97 UT20736-04432 29-14 11/16/2001 2007 1580 4354 812 0.80 2405 1.00015 1.015 2441.075 UT20736-07417 29-14 11/16/2001 2007 1575 4341 810 0.80 2498 1.02357 1.015 2456.3 UT20736-04643 29-15 7/25/2007 2007 1575 4341 810 0.80 2498 1.02357 1.015 2458.33 UT20736-04638 29-15 7/25/2007 2007 1575 4312 810 0.80 2524 1.03362 1.015 2500 UT20736-06480 18-06 31/3/2006 2005 1870 5107 003.2 0.81 2500 0.93636 1.015 2500 UT20736-06480 18-06 31/3/2006 2005 1905 4540 811 0.86 2530 1.00512 1.015 2500 UT20736-06678 18-03 1/6/2001 2001 1900 4102 810.1 0.90 2546 1.06948 1.015 2500 UT20736-06483 33-1603 2/6/1999 1999 2512 4592 811 0.99 2550 1.00314 1.015 2500 UT20736-04423 30-01 1/8/1997 1997 2497 4830 C06 0.96 2572 0.97999 1.015 2500 UT20736-04423 18-13 1/30/1998 1998 2484 4535 811 0.99 2644 1.03126 1.015 2500 UT20736-04423 18-13 1/30/1998 1998 2484 4535 811 0.99 2644 1.03126 1.015 2500 UT20736-04412 1.015	16-11	12/19/1997	1997	2396	4546	B11	0.97	N/A	#VALUE!	1.015	2396	UT20736-04393
18-08	20-13	8/31/2000	2000	1974	4416	B10.1	0.89	2372	0.98469	1.015	2407.58	UT20736-04494
19-11 8/11/2000 2000 1935 4421 CO6 0.88 2398 0.99004 1.015 2433.97 UT20736-04521	29-10	6/27/2007	2007	1405	4338	B10	0.76	2375	0.99519	1.015	2410.625	UT20736-07124
29-13 2/26/2007 2007	18-08	1/8/1997	1997	2030	4384	C04	0.90	2377	0.98983	1.015	2412.655	UT20736-04355
18-16	19-11	8/11/2000	2000	1935	4421	C06	0.88	2398	0.99004	1.015	2433.97	UT20736-04521
29-14	29-13	2/26/2007	2007	1458	4016	B02	0.80	2398	1.04556	1.015	2433.97	UT20736-07417
21-03 1/2/1998 1998 2451 4714 C04 0.96 2422 0.96099 1.015 2458.33 UT20736-04363 29-15 7/25/2007 2007 1575 4341 810 0.80 2498 1.02357 1.015 2500 UT20736-061480 21-13 9/14/2005 2005 1870 5107 D03.2 0.81 2500 0.93636 1.015 2500 UT20736-06480 18-06 3/13/2006 2006 1575 4312 810 0.80 2524 1.03362 1.015 2500 UT20736-06678 16-03 12/15/2005 2005 1905 4540 811 0.86 2530 1.00515 1.015 2500 UT20736-06678 19-05 3/16/2001 2001 1900 4102 810.1 0.90 2546 1.06948 1.015 2500 UT20736-04435 33-1603 2/6/1999 1999 2512 4592 811 0.99 2550 1.00314 1.015 2500 UT20736-044362 20-11 8/31/2001 2001 1900 4383 807 0.87 2600 1.04159 1.015 2500 UT20736-04362 18-13 1/30/1998 1998 2490 3927 806.1 1.07 2616 1.11564 1.015 2500 UT20736-04635 18-13 1/30/1998 1998 2481 4535 811 0.99 2644 1.03126 1.015 2500 UT20736-04635 18-10 1/9/2006 2006 1660 4547 811 0.80 2796 1.06363 1.015 2500 UT20736-04421 16-01 1/9/2006 2006 1660 4547 811 0.80 2796 1.06363 1.015 2500 UT20736-046421 13-14 1.015 1	18-16	7/23/2007	2007	1580	4354	B12	0.80	2405	1.00015	1.015	2441.075	UT20736-07415
29-15 7/25/2007 2007 1575 4341 B10 0.80 2498 1.02357 1.015 2500 UT20736-07126 21-13 9/14/2005 2005 1870 5107 003.2 0.81 2500 0.93636 1.015 2500 UT20736-06480 18-06 3/13/2005 2005 1905 4540 B11 0.86 2530 1.00512 1.015 2500 UT20736-06678 18-05 3/16/2001 2001 1900 4102 B10.1 0.90 2546 1.06948 1.015 2500 UT20736-04635 33-16D3 2/6/1999 1999 2512 4592 B11 0.99 2550 1.00314 1.015 2500 UT20736-04362 04-11 8/31/2001 2001 1900 4383 B07 0.87 2600 1.04159 1.015 2500 UT20736-04362 18-13 1/30/1988 1998 2481 4535 B11 0.99 2644 1.0315 2500 <td>29-14</td> <td>11/16/2001</td> <td>2001</td> <td>1900</td> <td>4005</td> <td>B02</td> <td>0.91</td> <td>2420</td> <td>1.0528</td> <td>1.015</td> <td>2456.3</td> <td>UT20736-04641</td>	29-14	11/16/2001	2001	1900	4005	B02	0.91	2420	1.0528	1.015	2456.3	UT20736-04641
21-13 9/14/2005 2005 1870 5107 D03.2 0.81 2500 0.93636 1.015 2500 UT20736-06480 18-06 3/13/2006 2006 1575 4312 B10 0.80 2524 1.03362 1.015 2500 UT20736-06678 16-03 12/15/2005 2005 1905 4540 B11 0.86 2530 1.00512 1.015 2500 UT20736-06601 19-05 3/16/2001 2001 1900 4102 B10.1 0.99 2546 1.00514 1.015 2500 UT20736-04635 33-1603 2/6/1999 1999 2512 4592 B11 0.99 2550 1.00314 1.015 2500 UT20736-04432 30-01 1/8/1997 1997 2497 4830 0.6 0.96 2572 0.97999 1.015 2500 UT20736-04362 04-11 8/31/2001 2001 1900 4383 807 0.87 2600 1.04159 1.015<	21-03	1/2/1998	1998	2451	4714	C04	0.96	2422	0.96099	1.015	2458.33	UT20736-04363
18-06 3/13/2006 2006 1575 4312 B10 0.80 2524 1.03362 1.015 2500 UT20736-06678 16-03 12/15/2005 2005 1905 4540 B11 0.86 2530 1.00512 1.015 2500 UT20736-06601 19-05 3/16/2001 2001 1900 4102 B10.1 0.90 2546 1.06948 1.015 2500 UT20736-04635 33-16D3 2/6/1999 1999 2512 4592 B11 0.99 2550 1.00314 1.015 2500 UT20736-04635 30-01 1/8/1997 1997 2497 4830 066 0.99 25572 0.97999 1.015 2500 UT20736-04635 18-13 1/30/1998 1998 2490 3927 B06.1 1.07 2616 1.11564 1.015 2500 UT20736-04639 16-02 1/2/1998 1998 2481 4535 B11 0.99 2644 1.03126 1.015<	29-15	7/25/2007	2007	1575	4341	B10	0.80	2498	1.02357	1.015	2500	UT20736-07126
16-03 12/15/2005 2005 1905 4540 B11 0.86 2530 1.00512 1.015 2500 UT20736-06601 19-05 3/16/2001 2001 1900 4102 B10.1 0.90 2546 1.06948 1.015 2500 UT20736-04433 33-16D3 2/6/1999 1999 2512 4592 B11 0.99 2550 1.00314 1.015 2500 UT20736-04423 30-01 1/8/1997 1997 2497 4830 C06 0.96 2572 0.97999 1.015 2500 UT20736-04362 18-13 1/30/1998 1998 2490 3927 B06.1 1.07 2616 1.11564 1.015 2500 UT20736-04392 16-02 1/2/1998 1998 2481 4535 B11 0.99 2644 1.03126 1.015 2500 UT20736-04392 16-01 1/9/2006 2006 1660 4547 B11 0.80 2796 1.06363 1.015 <td>21-13</td> <td>9/14/2005</td> <td>2005</td> <td>1870</td> <td>5107</td> <td>D03.2</td> <td>0.81</td> <td>2500</td> <td>0.93636</td> <td>1.015</td> <td>2500</td> <td>UT20736-06480</td>	21-13	9/14/2005	2005	1870	5107	D03.2	0.81	2500	0.93636	1.015	2500	UT20736-06480
19-05 3/16/2001 2001 1900 4102 810.1 0.90 2546 1.06948 1.015 2500 UT20736-04535 33-16D3 2/6/1999 1999 2512 4592 811 0.99 2550 1.00314 1.015 2500 UT20736-04423 30-01 1/8/1997 1997 2497 4830 CO6 0.96 2572 0.97999 1.015 2500 UT20736-044362 CO4-11 8/31/2001 2001 1900 4383 B07 0.87 2600 1.04159 1.015 2500 UT20736-04635 18-13 1/30/1998 1998 2490 3927 B06.1 1.07 2616 1.11564 1.015 2500 UT20736-04635 18-13 1/30/1998 1998 2481 4535 811 0.99 2644 1.03126 1.015 2500 UT20736-04412 16-01 1/9/2006 2006 1660 4547 811 0.80 2796 1.06363 1.015 2500 UT20736-06600 33-10D3 1/2/1998 1998 2248 4474 808 0.94 2800 1.07472 1.015 2500 UT20736-04620 33-14 D3 1/2/2/1999 1999 2369 4330 806.2 0.99 2840 1.0522 1.015 2500 UT20736-04619 16-05 4/17/2006 2006 1614 4408 808.1 0.81 2841 1.09367 1.015 2500 UT20736-04619 16-05 4/17/2006 2006 1614 4408 808.1 0.81 2841 1.09367 1.015 2500 UT20736-04618 19-13 1/5/2000 2000 1740 3942 810.1 0.88 2852 1.17384 1.015 2500 UT20736-04618 19-13 1/5/2000 2000 1740 3942 810.1 0.88 2852 1.17384 1.015 2500 UT20736-04618 19-13 1/5/2000 2007 1325 4511 812 0.73 2864 1.08391 1.015 2500 UT20736-07414 19-16 1/30/2007 2007 1328 4511 812 0.73 2864 1.08391 1.015 2500 UT20736-07414 19-16 1/30/2007 2007 1480 4080 806.1 0.80 2864 1.15199 1.015 2500 UT20736-07414 19-03 1/8/1997 1997 2465 4078 811 1.04 2906 1.16279 1.015 2500 UT20736-07414 19-03 1/8/1997 1997 2465 4078 811 1.04 2906 1.16279 1.015 2500 UT20736-07414 19-03 1/8/1997 1997 2465 4078 811 1.04 2906 1.16279 1.015 2500 UT20736-07414 19-03 1/8/1997 1997 2465 4078 811 1.04 2906 1.16279 1.015 2500 UT2073	18-06	3/13/2006	2006	1575	4312	B10	0.80	2524	1.03362	1.015	2500	UT20736-06678
33-16D3	16-03	12/15/2005	2005	1905	4540	B11	0.86	2530	1.00512	1.015	2500	UT20736-06601
30-01 1/8/1997 1997 2497 4830 Co6 0.96 2572 0.97999 1.015 2500 UT20736-04362	19-05	3/16/2001	2001	1900	4102	B10.1	0.90	2546	1.06948	1.015	2500	UT20736-04535
04-11 8/31/2001 2001 1900 4383 B07 0.87 2600 1.04159 1.015 2500 UT20736-04635 18-13 1/30/1998 1998 2490 3927 B06.1 1.07 2616 1.11564 1.015 2500 UT20736-04392 16-02 1/2/1998 1998 2481 4535 B11 0.99 2644 1.03126 1.015 2500 UT20736-04412 16-01 1/9/2006 2006 1660 4547 B11 0.80 2796 1.06363 1.015 2500 UT20736-06600 33-10D3 1/2/1998 1998 2248 4474 808 0.94 2800 1.07472 1.015 2500 UT20736-04600 33-14 D3 1/22/1999 1999 2369 4330 806.2 0.99 2840 1.01441 1.015 2500 UT20736-04420 29-01 4/24/2001 2001 1900 5014 D03 0.82 2840 1.01441 1.015	33-16D3	2/6/1999	1999	2512	4592	B11	0.99	2550	1.00314	1.015	2500	UT20736-04423
18-13 1/30/1998 1998 2490 3927 806.1 1.07 2616 1.11564 1.015 2500 UT20736-04392 16-02 1/2/1998 1998 2481 4535 B11 0.99 2644 1.03126 1.015 2500 UT20736-04412 16-01 1/9/2006 2006 1660 4547 B11 0.80 2796 1.06363 1.015 2500 UT20736-06600 33-10D3 1/2/1998 1998 2248 4474 808 0.94 2800 1.07472 1.015 2500 UT20736-04620 29-01 4/24/2001 2001 1900 5014 D03 0.82 2840 1.01441 1.015 2500 UT20736-04619 16-05 4/17/2006 2006 1614 4408 808.1 0.81 2841 1.09367 1.015 2500 UT20736-04619 19-13 1/5/2000 2000 1740 3942 B10.1 0.88 2852 1.17384 1.015 </td <td>30-01</td> <td>1/8/1997</td> <td>1997</td> <td>2497</td> <td>4830</td> <td>C06</td> <td>0.96</td> <td>2572</td> <td>0.97999</td> <td>1.015</td> <td>2500</td> <td>UT20736-04362</td>	30-01	1/8/1997	1997	2497	4830	C06	0.96	2572	0.97999	1.015	2500	UT20736-04362
16-02 1/2/1998 1998 2481 4535 B11 0.99 2644 1.03126 1.015 2500 UT20736-04412 16-01 1/9/2006 2006 1660 4547 B11 0.80 2796 1.06363 1.015 2500 UT20736-06600 33-10D3 1/2/1998 1998 2248 4474 B08 0.94 2800 1.07472 1.015 2500 UT20736-04420 29-01 4/24/2001 2001 1900 5014 D03 0.82 2840 1.01441 1.015 2500 UT20736-04619 16-05 4/17/2006 2006 1614 4408 B08.1 0.81 2841 1.09367 1.015 2500 UT20736-04619 16-05 4/17/2006 2006 1614 4408 B08.1 0.81 2841 1.09367 1.015 2500 UT20736-04618 0.716 1/2/1998 1998 2239 3975 B06 1.00 2860 1.16978 1.015 2500 UT20736-04418 0.716 1/2/1998 <t< td=""><td>04-11</td><td>8/31/2001</td><td>2001</td><td>1900</td><td>4383</td><td>B07</td><td>0.87</td><td>2600</td><td>1.04159</td><td>1.015</td><td>2500</td><td>UT20736-04635</td></t<>	04-11	8/31/2001	2001	1900	4383	B07	0.87	2600	1.04159	1.015	2500	UT20736-04635
16-01 1/9/2006 2006 1660 4547 B11 0.80 2796 1.06363 1.015 2500 UT20736-06600 33-10D3 1/2/1998 1998 2248 4474 B08 0.94 2800 1.07472 1.015 2500 UT20736-04421 33-14 D3 1/22/1999 1999 2369 4330 B06.2 0.99 2840 1.10522 1.015 2500 UT20736-04420 29-01 4/24/2001 2001 1900 5014 D03 0.82 2840 1.01441 1.015 2500 UT20736-04619 16-05 4/17/2006 2006 1614 4408 B08.1 0.81 2841 1.09367 1.015 2500 UT20736-04618 07-16 1/2/1998 1998 2239 3975 B06 1.00 2860 1.16978 1.015 2500 UT20736-04418 29-02 7/26/2007 2007 1480 4080 B06.1 0.80 2864 1.08391 1.0	18-13	1/30/1998	1998	2490	3927	B06.1	1.07	2616	1.11564	1.015	2500	UT20736-04392
33-10D3 1/2/1998 1998 2248 4474 B08 0.94 2800 1.07472 1.015 2500 UT20736-04421 33-14 D3 1/22/1999 1999 2369 4330 B06.2 0.99 2840 1.10522 1.015 2500 UT20736-04420 29-01 4/24/2001 2001 1900 5014 D03 0.82 2840 1.01441 1.015 2500 UT20736-04619 16-05 4/17/2006 2006 1614 4408 B08.1 0.81 2841 1.09367 1.015 2500 UT20736-04618 07-16 1/2/1998 1998 2239 3975 B06 1.00 2860 1.16978 1.015 2500 UT20736-04419 29-02 7/26/2007 2007 1325 4511 B12 0.73 2864 1.08391 1.015 2500 UT20736-07414 19-16 1/30/2007 2007 1480 4080 B06.1 0.80 2864 1.15199 1.	16-02	1/2/1998	1998	2481	4535	B11	0.99	2644	1.03126	1.015	2500	UT20736-04412
33-14 D3 1/22/1999 1999 2369 4330 B06.2 0.99 2840 1.10522 1.015 2500 UT20736-04420 29-01 4/24/2001 2001 1900 5014 D03 0.82 2840 1.01441 1.015 2500 UT20736-04619 16-05 4/17/2006 2006 1614 4408 B08.1 0.81 2841 1.09367 1.015 2500 UT20736-04618 07-16 1/2/1998 1998 2239 3975 B06 1.00 2860 1.16978 1.015 2500 UT20736-04618 07-16 1/2/1998 1998 2239 3975 B06 1.00 2860 1.16978 1.015 2500 UT20736-04419 29-02 7/26/2007 2007 1325 4511 B12 0.73 2864 1.01599 1.015 2500 UT20736-07414 19-16 1/30/2007 2007 1580 4332 B07.2 0.80 2900 1.11897 1.01	16-01	1/9/2006	2006	1660	4547	B11	0.80	2796	1.06363	1.015	2500	UT20736-06600
29-01 4/24/2001 2001 1900 5014 D03 0.82 2840 1.01441 1.015 2500 UT20736-04619 16-05 4/17/2006 2006 1614 4408 B08.1 0.81 2841 1.09367 1.015 2500 UT20736-06602 19-13 1/5/2000 2000 1740 3942 B10.1 0.88 2852 1.17384 1.015 2500 UT20736-04618 07-16 1/2/1998 1998 2239 3975 B06 1.00 2860 1.16978 1.015 2500 UT20736-04419 29-02 7/26/2007 2007 1325 4511 B12 0.73 2864 1.08391 1.015 2500 UT20736-07414 19-16 1/30/2007 2007 1580 4332 B07.2 0.80 2900 1.11897 1.015 2500 UT20736-07414 19-03 1/8/1997 1997 2465 4078 B11 1.04 2906 1.16279 1.015 <td>33-10D3</td> <td>1/2/1998</td> <td>1998</td> <td>2248</td> <td>4474</td> <td>B08</td> <td>0.94</td> <td>2800</td> <td>1.07472</td> <td>1.015</td> <td>2500</td> <td>UT20736-04421</td>	33-10D3	1/2/1998	1998	2248	4474	B08	0.94	2800	1.07472	1.015	2500	UT20736-04421
16-05 4/17/2006 2006 1614 4408 808.1 0.81 2841 1.09367 1.015 2500 UT20736-06602 19-13 1/5/2000 2000 1740 3942 B10.1 0.88 2852 1.17384 1.015 2500 UT20736-04618 07-16 1/2/1998 1998 2239 3975 B06 1.00 2860 1.16978 1.015 2500 UT20736-04419 29-02 7/26/2007 2007 1325 4511 B12 0.73 2864 1.08391 1.015 2500 UT20736-07121 07-15 7/4/2007 2007 1480 4080 B06.1 0.80 2864 1.15199 1.015 2500 UT20736-07121 19-16 1/30/2007 2007 1580 4332 B07.2 0.80 2900 1.11897 1.015 2500 UT20736-07113 19-03 1/8/1997 1997 2465 4078 B11 1.04 2906 1.16279 1.015 </td <td>33-14 D3</td> <td>1/22/1999</td> <td>1999</td> <td>2369</td> <td>4330</td> <td>B06.2</td> <td>0.99</td> <td>2840</td> <td>1.10522</td> <td>1.015</td> <td>2500</td> <td>UT20736-04420</td>	33-14 D3	1/22/1999	1999	2369	4330	B06.2	0.99	2840	1.10522	1.015	2500	UT20736-04420
19-13 1/5/2000 2000 1740 3942 B10.1 0.88 2852 1.17384 1.015 2500 UT20736-04618 07-16 1/2/1998 1998 2239 3975 B06 1.00 2860 1.16978 1.015 2500 UT20736-04419 29-02 7/26/2007 2007 1325 4511 B12 0.73 2864 1.08391 1.015 2500 UT20736-07121 07-15 7/4/2007 2007 1480 4080 B06.1 0.80 2864 1.15199 1.015 2500 UT20736-07121 19-16 1/30/2007 2007 1580 4332 B07.2 0.80 2900 1.11897 1.015 2500 UT20736-07113 19-03 1/8/1997 1997 2465 4078 B11 1.04 2906 1.16279 1.015 2500 UT20736-04390 29-08A 1/8/1997 1997 1915 4678 C05 0.85 2910 1.07089 1.015 <td>29-01</td> <td></td> <td></td> <td>1900</td> <td>5014</td> <td>D03</td> <td>0.82</td> <td>2840</td> <td>1.01441</td> <td>1.015</td> <td>2500</td> <td>UT20736-04619</td>	29-01			1900	5014	D03	0.82	2840	1.01441	1.015	2500	UT20736-04619
07-16 1/2/1998 1998 2239 3975 806 1.00 2860 1.16978 1.015 2500 UT20736-04419 29-02 7/26/2007 2007 1325 4511 B12 0.73 2864 1.08391 1.015 2500 UT20736-07121 07-15 7/4/2007 2007 1480 4080 B06.1 0.80 2864 1.15199 1.015 2500 UT20736-07414 19-16 1/30/2007 2007 1580 4332 B07.2 0.80 2900 1.11897 1.015 2500 UT20736-07414 19-03 1/8/1997 1997 2465 4078 B11 1.04 2906 1.16279 1.015 2500 UT20736-04390 29-08A 1/8/1997 1997 1915 4678 C05 0.85 2910 1.07089 1.015 2500 UT20736-04325 29-04 8/16/2005 2005 1655 4574 C02 0.80 3061 1.11875 1.015	16-05	4/17/2006	2006	1614	4408	B08.1	0.81	2841	1.09367	1.015	2500	UT20736-06602
29-02 7/26/2007 2007 1325 4511 B12 0.73 2864 1.08391 1.015 2500 UT20736-07121 07-15 7/4/2007 2007 1480 4080 B06.1 0.80 2864 1.15199 1.015 2500 UT20736-07414 19-16 1/30/2007 2007 1580 4332 B07.2 0.80 2900 1.11897 1.015 2500 UT20736-07113 19-03 1/8/1997 1997 2465 4078 B11 1.04 2906 1.16279 1.015 2500 UT20736-04390 29-08A 1/8/1997 1997 1915 4678 C05 0.85 2910 1.07089 1.015 2500 UT20736-04325 29-04 8/16/2005 2005 1655 4574 C02 0.80 3061 1.11875 1.015 2500 UT20736-06482 18-03 3/13/2006 2006 1675 4580 C04 0.81 3100 1.1265 1.015	19-13	1/5/2000	2000	1740	3942	B10.1	0.88	2852	1.17384	1.015	2500	UT20736-04618
07-15 7/4/2007 2007 1480 4080 806.1 0.80 2864 1.15199 1.015 2500 UT20736-07414 19-16 1/30/2007 2007 1580 4332 807.2 0.80 2900 1.11897 1.015 2500 UT20736-07414 19-03 1/8/1997 1997 2465 4078 B11 1.04 2906 1.16279 1.015 2500 UT20736-04390 29-08A 1/8/1997 1997 1915 4678 C05 0.85 2910 1.07089 1.015 2500 UT20736-04325 29-04 8/16/2005 2005 1655 4574 C02 0.80 3061 1.11875 1.015 2500 UT20736-04824 18-03 3/13/2006 2006 1675 4580 C04 0.81 3100 1.1265 1.015 2500 UT20736-06701 30-10 8/31/2000 2000 1310 4140 805 0.76 3154 1.21276 1.015	07-16	1/2/1998	1998	2239	3975	B06	1.00	2860	1.16978	1.015	2500	UT20736-04419
19-16 1/30/2007 2007 1580 4332 B07.2 0.80 2900 1.11897 1.015 2500 UT20736-07113 19-03 1/8/1997 1997 2465 4078 B11 1.04 2906 1.16279 1.015 2500 UT20736-04390 29-08A 1/8/1997 1997 1915 4678 C05 0.85 2910 1.07089 1.015 2500 UT20736-04325 29-04 8/16/2005 2005 1655 4574 C02 0.80 3061 1.11875 1.015 2500 UT20736-06482 18-03 3/13/2006 2006 1675 4580 C04 0.81 3100 1.1265 1.015 2500 UT20736-06701 30-10 8/31/2000 2000 1310 4140 B05 0.76 3154 1.21276 1.015 2500 UT20736-04524 30-16 8/31/2000 2000 1900 4324 B08.1 0.88 3162 1.18173 1.015 <td>29-02</td> <td>7/26/2007</td> <td>2007</td> <td>1325</td> <td>4511</td> <td>B12</td> <td>0.73</td> <td>2864</td> <td>1.08391</td> <td>1.015</td> <td>2500</td> <td></td>	29-02	7/26/2007	2007	1325	4511	B12	0.73	2864	1.08391	1.015	2500	
19-03 1/8/1997 1997 2465 4078 B11 1.04 2906 1.16279 1.015 2500 UT20736-04390 29-08A 1/8/1997 1997 1915 4678 C05 0.85 2910 1.07089 1.015 2500 UT20736-04325 29-04 8/16/2005 2005 1655 4574 C02 0.80 3061 1.11875 1.015 2500 UT20736-06482 18-03 3/13/2006 2006 1675 4580 C04 0.81 3100 1.1265 1.015 2500 UT20736-06701 30-10 8/31/2000 2000 1310 4140 805 0.76 3154 1.21276 1.015 2500 UT20736-04524 30-16 8/31/2000 2000 1900 4324 808.1 0.88 3162 1.18173 1.015 2500 UT20736-07125 30-14 8/31/2000 2000 1900 4385 810.1 0.87 3276 1.19779 1.015 <td>07-15</td> <td></td> <td></td> <td>1480</td> <td></td> <td></td> <td>0.80</td> <td>2864</td> <td>1.15199</td> <td></td> <td>ka. Years talkis saliisiin kas</td> <td>UT20736-07414</td>	07-15			1480			0.80	2864	1.15199		ka. Years talkis saliisiin kas	UT20736-07414
29-08A 1/8/1997 1997 1915 4678 C05 0.85 2910 1.07089 1.015 2500 UT20736-04325 29-04 8/16/2005 2005 1655 4574 C02 0.80 3061 1.11875 1.015 2500 UT20736-06482 18-03 3/13/2006 2006 1675 4580 C04 0.81 3100 1.1265 1.015 2500 UT20736-06701 30-10 8/31/2000 2000 1310 4140 B05 0.76 3154 1.21276 1.015 2500 UT20736-04524 30-16 8/31/2000 2000 1900 4324 B08.1 0.88 3162 1.18173 1.015 2500 UT20736-04417 29-11 4/25/2007 2007 1540 4246 B08.1 0.80 3250 1.2164 1.015 2500 UT20736-07125 30-14 8/31/2000 2000 1900 4385 B10.1 0.87 3276 1.19779 1.015 </td <td>19-16</td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td>0.80</td> <td>2900</td> <td></td> <td></td> <td>REAL PROPERTY OF THE PROPERTY</td> <td>UT20736-07113</td>	19-16		_				0.80	2900			REAL PROPERTY OF THE PROPERTY	UT20736-07113
29-04 8/16/2005 2005 1655 4574 CO2 0.80 3061 1.11875 1.015 2500 UT20736-06482 18-03 3/13/2006 2006 1675 4580 CO4 0.81 3100 1.1265 1.015 2500 UT20736-06701 30-10 8/31/2000 2000 1310 4140 B05 0.76 3154 1.21276 1.015 2500 UT20736-04524 30-16 8/31/2000 2000 1900 4324 B08.1 0.88 3162 1.18173 1.015 2500 UT20736-04417 29-11 4/25/2007 2007 1540 4246 B08.1 0.80 3250 1.2164 1.015 2500 UT20736-07125 30-14 8/31/2000 2000 1900 4385 B10.1 0.87 3276 1.19779 1.015 2500 UT20736-04525	19-03										2500	UT20736-04390
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	07-09	1/2/1998	1998	2817	4162	B08.1	1.12	3556	1.30671	1.015	2500	UT20736-04415

All MAIP over 2500 psi have been limited to 2500 PSI